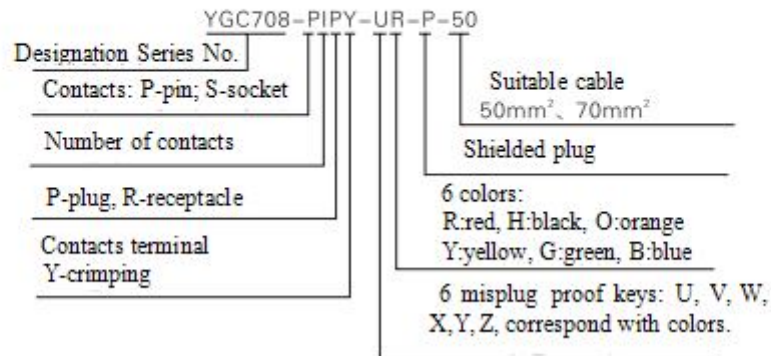




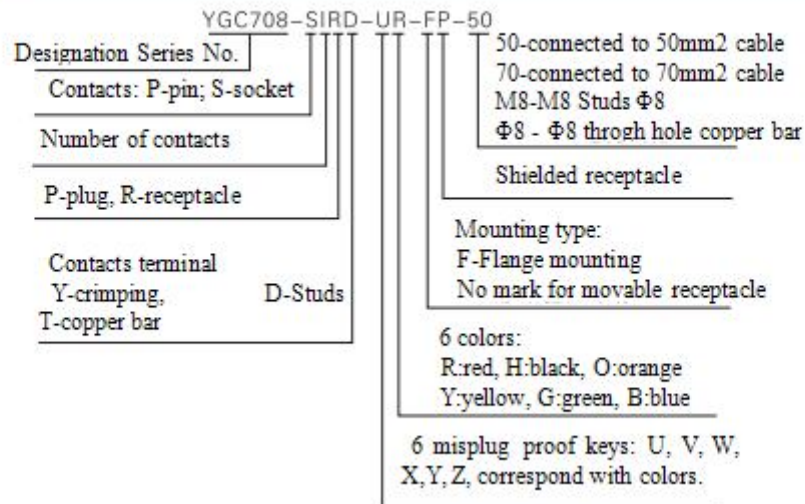
## YG708 connector

### Connector specification instruction

#### Connector Plug



#### Connector Receptacle



### Technical parameters:

#### 1. Electrical features:

Rated voltage: 630 AC/DC

Rated current: 200A(50mm<sup>2</sup>); 270A(70mm<sup>2</sup>)

Contact resistance:  $\leq 0.2\text{m}\Omega$

Insulation resistance:  $\geq 2000\text{M}\Omega$ (normal)

Withstand voltage: 50Hz AC2500V 1min, no breakdown or flashover

#### 2. Mechanical features:

Duration:  $\geq 500$  cycles

Vibration: 10-55Hz, amplitude 0.75mm

Impact: 10-40 cycles/min, acceleration 250m/s<sup>2</sup>

3. Other features:

Protection degree: IP67 (mated)

Working temperature: -40 °C~+125°C

Number of contacts: single pin

Suitable wire guage: 50mm<sup>2</sup>, 70mm<sup>2</sup> shielded or non-shielded cable

4. Material and surface treatment

Shell: Zn-alloy, surface treatment: Ni-plated

Insulator: PBT; Flammability: UL94-V0

Contacts: T2, surface treatment: Silver-plated

Material introduction:

YG708 series connector and cable harness are special designed for hybrid power and pure electric automobile, mainly apply to power connection of high voltage, high current.

The connector series is adopted push-pull quick coupling for plug and receptacle, and with self-locking function.

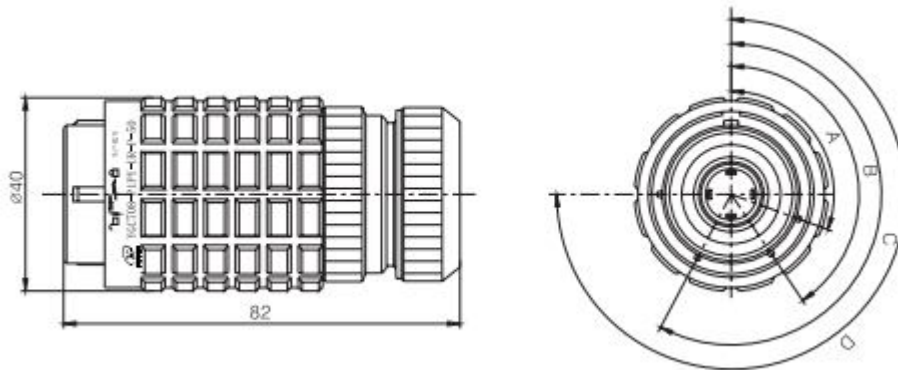
The connector with small size, small operating space available, especially suit narrow space of automobile inside to operate.

The connector adopted structure and visual misplug proof at same time.

With touch-proof structure on contacts end.

### Overall dimension

Plug outline and end face diagram:



Receptacle outline and end face diagram:

